CS 480 - Team TreeHuggers - Client Meeting - November 14, 2017

Talking to Dr. Graham about designs - can’t show the app design - seems to like Plant Royale - talks about likes the Plant Royale with pine tree - Plant Royals? - Erick will create a more professional and photoshop version of the logo

Having scalable vector graphics is handy

Dr. Graham will also see if he has a version of photoshop for Mac

Will also see if he has a version of illustrator

Create different versions of logo for different uses

What does he want for the opening screen?

Graham does not want photos to be main focus, should be secondary focus

The app should be more about finding the trees and marking them and claiming

Opening screen could be a map about where you are and there might be some trees that show up for user to find

There could be a radius and if user is in the radius a hint pops up about the tree to find - could be daily

There is no limit to the data that Graham wants, there should be a limit so that users don’t collect too many points - what should be the ideal amount of players and incentive - build it and make it adjustable since he doesn’t know how many people will be visiting

Each user should be getting multiple data points every day - shouldn’t be a limit to points because they are busting to get data points

Could have rarity to trees and collect more data based upon the trees he wants more data on

It would be nice to get some idea outside of the radius as well - might be dead zones on campus where there are no trees nearby and need a way to direct users to the trees - for example a direction or distance

Pokemon go had issue with country players since it is based upon density of players - have to guide users some how

One problem to establish the trees as interesting, need automate to create trees that the super user can create - collect dataset - want it to grow by itself without having to maintain it at all times

Opening up on a map seems best and rarity is good

With division system - climb to the top of division with points and then have hide or reveal tree to move up - Graham likes this idea

Work division system into Royals theme

Some sort of open source application to create vector graphic images

Slider is more intuitive

Fruit is ripe and unripe

Icons are free to use - Dr. Graham created them and they are all his

Data formatting - how is it formatted and when

latitude, longitude, date and time and link to the user to configure reliability as well as phenophase - just wants it in raw data - can show us the data forms - should hash user info - can have multiple phenophases for each observation - each document can have each tree with all its reports and then put into a larger document, per tree with date and time order - can also do by user as well

down to ~104 trees at least 100

arboretum - users will have to identify by sight - have plaques to easily identify

Forest Fire - put out the fire and get more points - go save the tree - need to collect more data on the tree - Graham likes this idea - have a bunch of ideas on it - fungal disease - lumberjacks attacking

Server hosting - students have access to I drive - needs

Pick out a few that we like to see if we can use that aren’t too expensive and send to Dr. Graham to see which one he wants to use

Need licensing fee to release on Apple - find out how much it is to release

Writing an app in IDE that can be compile for both Android and Apple

Dr. Graham will be asking for money soon from department for this project funding

* will keep asking university but is not hopeful

One solution is to get garbage computer to run server on just for testing

A certain person can only collect data on a tree - most frequently is once a day and and least frequently is once a week - too much data is not bad data - but too much from a bad player is bad - outliers need to be flagged - DO NOT TOSS DATA - reliability score - once a user has collected important data flag it as a hot tree to be collected on and then attractive more people - also based upon the amount of people

Ask someone to brand it as a CWU to get CWU pride - color scheme? - could have a wildcat - smoky the wildcat(lol) - could make it overlay so other universities can add their own branding

Campus as a boundary - Dr. Graham: would be cool to branch out to Ellensburg - only problem is player base size and verification - for right now only campus and students - adjust it while testing

Dr. Graham asks if it is okay to pass on to other students to keep it living and changing - pass on to other campuses, cities - keeping it open source

Want to start development next week

Offline - data thats collected - store some locally and have offline viewing

have code on the phone to hold less data and be able to access on database

in database - keep track of as many parameter as we can possible in the beginning including user points - this way we can see if the trees are actually attracting users and can tweak the game this way

be able to see user statistics - interesting to view, people would want it - being able to compare with other users - leaderboard

wants it to be competitive and exciting

By Tuesday will have SRS compiled into one for Dr. Graham to review and comment on